



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Daniel YAP, et al.) Re: Information Disclosure
Serial No.: 10/735,070) Statement
Filed: December 12, 2003) Group: not yet assigned
For: "TUNABLE RF-LIGHTWAVE)
MODULATOR") Examiner: not yet assigned
) Our Ref: B-4586NP 621546-7
) Date: February 5, 2003

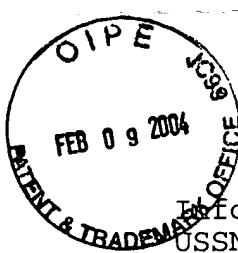
Commissioner for Patents
P.O. Box 1450
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. We are enclosing herewith a copy of each document listed on the enclosed Form PTO-1449 (modified).

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other



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required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on February 5, 2004 by Shana Morda.

ROSS A. SCHMITT

Respectfully submitted,

Ross A. Schmitt

Ross A. Schmitt
Attorney for Applicant
Reg. No. 42,529

LADAS & PARRY
5670 Wilshire Boulevard
Suite 2100
Los Angeles, CA 90036
(323) 934-2300

Enclosures: Form PTO-1449 (modified) (1 page)
Copy of documents listed on Form PTO-1449 (modified)



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Form PTO-1449 (Modified)	ATTY DOCKET NO. B-4586NP 621546-7	U.S. SERIAL NO. 10/735,070
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS Daniel YAP, et al.	
	FILING DATE December 12, 2003	GROUP not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Hong, J., et al., "Theory and Experiment of Novel Microstrip Slow-Wave Open-Loop Resonator Filters," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 45, No. 12, pp. 2358-2365 (December 1997).
	Izutsu, M., "Photonic Technologies for Millimeter-Wave Engineering ,," <i>IEEE Digest</i> , pp. 125-128 (1998).
	Kawanishi, T., et al., "Design of LiNbO ₃ Optical Modulator with an Asymmetric Resonant Structure," <i>IEICE Trans. Electron.</i> , Vol. E85-C, No. 1, pp. 150-155 (January 2002).
	Kawanishi, T., et al., "LiNbO ₃ Resonant-Type Optical Modulator with Double-Stub Structure," <i>Electronics Letters</i> , Vol. 37, No. 20, pp. 1244-1246 (September 27, 2001).
	Krähenbühl, R., et al., "Investigations on Short-Path-Length High-Speed Optical Modulators in LiNbO ₃ with Resonant-Type Electrodes," <i>Journal of Lightwave Technology</i> , Vol. 19, No. 9, pp.1287-1297 (September 2001).
	Sagawa, M., et al., "Miniaturized Hairpin Resonator Filters and Their Application to Receiver Front-End MIC's," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 37, No. 12, pp. 1991-1997 (December 1989).

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.